

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2018 Levee Inspection Results**

**Reclamation District No. 2068 Yolano**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 2068 Yolano**

Waterway			Bank	Unit Miles
Unit No. 01 Yolo Bypass			Right	5.48
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2018 - 3/15/2018			
DWR Inspector	Keith Millard			
Accompanied By	Bryan Busch RD 2068			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start		Rating **	A	Issue No.	<b>3</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_RD2068_01_f_2014_3				
Comment Code					
Inspector Comment					
RD 2068 has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	<b>4</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_RD2068_01_f_2014_4				
Comment Code					
Inspector Comment					
RD 2068 crew members are trained yearly.					

No Photos

LM Start		Rating **	A	Issue No.	<b>5</b>
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_RD2068_01_f_2014_5				
Comment Code					
Inspector Comment					
RD 2068 has emergency supplies stored.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	0.40	Rating **	M	Issue No.	15
LM End	0.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.402705 °	38.402705 °
				-121.693790 °	-121.693787 °
DWR ID	DWR_RD2068_01_s_2017_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim the tree on the landside shoulder levee mile 0.40.					

Photo 1 of 1 : SP\_2018\_RD2068\_193\_15\_20180315\_00043.jpg



Trim trees to allow inspection and access to landside slope and toe.

LM Start	0.49	Rating **	M	Issue No.	30	
LM End	0.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.401440 °	38.401440 °	
				-121.693750 °	-121.693750 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17445						
DS_ID:19331						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: Pipe ends covered in soil. May be abandoned and if so it should be done properly.						
FIELD_STRUCT_DESC: *ABANDONED* 14-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 6.6 feet below the crown. Flap gates on both ends. Pipe ends covered by dirt. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 0.49)].						
FS Date: 8/8/2013						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	<b>1.99</b>	Rating **	M	Issue No.	<b>31</b>
LM End	<b>1.99</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.379660 °	38.379660 °
				-121.693870 °	-121.693870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17545 DS_ID:19334 EP_NO: 12389 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of pipe with PG&E. FIELD_STRUCT_DESC: 6-inch coated steel gas line through the levee, 4 feet below the crown. (Permit No. 12389, 1978 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/8/2013					

No Photos

LM Start	<b>2.00</b>	Rating **	M	Issue No.	<b>32</b>
LM End	<b>2.00</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.379560 °	38.379560 °
				-121.693870 °	-121.693870 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17547 DS_ID:19345 EP_NO: 7260 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of pipe with PG&E. FIELD_STRUCT_DESC: 2 of 2: 4-inch gas line of an unknown material through the levee, 2 feet below the crown. (Permit No. 7260, 1970 - Pacific Gas and Electric Company [PG&E]). This pipe replaced a 4-inch temporary pipe also covered under this permit. FS Date: 8/8/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.11	Rating **	A/W	Issue No.	14	
LM End	3.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.363450 °	38.362340 °	
				-121.694030 °	-121.694060 °	
DWR ID	DWR_RD2068_01_f_2017_14					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of scour, cracking, and sloughing of the landside levee slope approximately 40 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.						
Site ID No:454						
Site Designation:LMA-281						
Repair Type: Stability						
Rating:Serious						
Field Date:7/26/2017						
Notes: Site cominbed in field with LMA-279 & LMA-282; site length redefined to reflect the changes.						

No Photos

LM Start	3.16	Rating **	A/W	Issue No.	20
LM End	3.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.362765 °	38.362278 °
				-121.694040 °	-121.694050 °
DWR ID	DWR_RD2068_01_s_2017_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability.					

Photo 1 of 2 : SP\_2018\_RD2068\_193\_20\_20180305\_00011.jpg



Repair the slope instability.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.16	Rating **	A/W	Issue No.	20 (cont)	
LM End	3.19	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.362765 °		38.362278 °
				-121.694040 °		-121.694050 °
DWR ID	DWR_RD2068_01_s_2017_20					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Repair the slope instability.						

Photo 2 of 2 : SP\_2018\_RD2068\_193\_20\_20180305\_00012.jpg



Repair the slope instability.

LM Start	3.16	Rating **	A/W	Issue No.	12
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.362700 °	38.360200 °
				-121.694000 °	-121.694100 °
DWR ID	DWR_RD2068_01_s_2018_12				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of cracking of the upper and mid landside levee slope approximately 904 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:453					
Site Designation:LMA-280					
Repair Type: Stability					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes: Photo only.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.26	Rating **	A/W	Issue No.	21
LM End	3.34	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.361292 °	38.360112 °
				-121.694065 °	-121.694080 °
DWR ID	DWR_RD2068_01_s_2017_21				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Schedule the repairs to the erosion before flood season.					

No Photos

LM Start	3.30	Rating **	A/W	Issue No.	16
LM End	3.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.360700 °	38.360600 °
				-121.694200 °	-121.694200 °
DWR ID	DWR_RD2068_01_f_2017_16				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower and mid landside levee slope approximately 39 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:457					
Site Designation:LMA-284					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: combined with LMA-283. Combined site length 430'.					

Photo 1 of 3 : SP\_2018\_RD2068\_193\_16\_20180305\_00001.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.30	Rating **	A/W	Issue No.	16 (cont)	
LM End	3.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.360700 °	38.360600 °	
				-121.694200 °	-121.694200 °	
DWR ID	DWR_RD2068_01_f_2017_16					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of scour, cracking, and sloughing of the lower and mid landside levee slope approximately 39 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.						
Site ID No:457						
Site Designation:LMA-284						
Repair Type: Stability						
Rating:Serious						
Field Date:7/26/2017						
Notes: combined with LMA-283. Combined site length 430'.						

Photo 2 of 3 : SP\_2018\_RD2068\_193\_16\_20180305\_00002.jpg



Photo 3 of 3 : SP\_2018\_RD2068\_193\_16\_20180305\_00003.jpg



LM Start	<b>3.30</b>	Rating **	A/W	Issue No.	<b>16 (cont)</b>
LM End	<b>3.31</b>	Issue Type +	Ma	Location *	

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.36	Rating **	A/W	Issue No.	17
LM End	5.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.359900 °	38.332700 °
				-121.693800 °	-121.693700 °
DWR ID	DWR_RD2068_01_f_2017_17				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour and sloughing of the lower waterside levee slope approximately 9,950 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:459					
Site Designation:LMA-286					
Repair Type: Stability					
Rating:Area of Concern					
Field Date:7/26/2017					
Notes:					

Photo 1 of 3 : SP\_2018\_RD2068\_193\_17\_20180305\_00004.jpg



Photo 2 of 3 : SP\_2018\_RD2068\_193\_17\_20180305\_00005.jpg



LM Start	<b>3.36</b>	Rating **	A/W	Issue No.	<b>17 (cont)</b>
LM End	<b>5.23</b>	Issue Type +	Ma	Location *	WS

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	<b>3.36</b>	Rating **	A/W	Issue No.	<b>17 (cont)</b>
LM End	<b>5.23</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.359900 °	38.332700 °
				-121.693800 °	-121.693700 °
DWR ID	DWR_RD2068_01_f_2017_17				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: The damage consists of scour and sloughing of the lower waterside levee slope approximately 9,950 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos. Site ID No: 459 Site Designation: LMA-286 Repair Type: Stability Rating: Area of Concern Field Date: 7/26/2017 Notes:					

Photo 3 of 3 : SP\_2018\_RD2068\_193\_17\_20180305\_00006.jpg



LM Start	<b>3.36</b>	Rating **	A/W	Issue No.	<b>22</b>
LM End	<b>3.40</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.359838 °	38.359212 °
				-121.694085 °	-121.694107 °
DWR ID	DWR_RD2068_01_s_2017_22				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope instability.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.38	Rating **	A/W	Issue No.	18
LM End	3.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.359500 °	38.359400 °
				-121.694200 °	-121.694200 °
DWR ID	DWR_RD2068_01_f_2017_18				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour of the lower landside levee slope approximately 32 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:460					
Site Designation:LMA-287					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: levee slope is heavily impacted from deep slope cracks and lack of levee slope support from the toe					

Photo 1 of 3 : SP\_2018\_RD2068\_193\_18\_20180305\_00007.jpg



LM Start	<b>3.38</b>	Rating **	A/W	Issue No.	<b>18 (cont)</b>
LM End	<b>3.39</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : SP\_2018\_RD2068\_193\_18\_20180305\_00008.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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# Reclamation District No. 2068 Yolano

View of WS.Page 12 of 24

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.49	Rating **	M	Issue No.	34 (cont)	
LM End	3.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.358040 °	38.358040 °	
				-121.694040 °	-121.694040 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:51451 DS_ID:19335 EP_NO: 7220 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: 12/06/2016 Line is abandoned according to a map obtained by the LMA. Gas line is labelled abandoned according to the map labelled "California Gas Transmission, Gas System Maintenance and Technical Support, Geographic Information Services", 5/10/2000 4:20 pm, City Solano, Division Sacramento, Zone 2, Wallmap #2-2649. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to the supporting documentation provided by LMA to indicate gas line is abandoned. Need to contact owner to obtain as-builts for line abandonment. (O. Magana - DWR UCIP)08/08/2013 Pipe needs to have markers installed on both sides of levee. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 6.625-inch gas line of an unknown material through the levee, 3 feet below the crown. (Permit No. 7220, 1970 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 12/6/2016						

LM Start	<b>3.49</b>	Rating **	M	Issue No.	<b>34 (cont)</b>
LM End	<b>3.49</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_51451\_76851.jpg



Overview of levee crown where crossing should be.

Photo 3 of 3 : UCIP\_SP\_2018\_51451\_76852.jpg



View of LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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# Reclamation District No. 2068 Yolano

No Photos

Page 14 of 24





**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	3.86	Rating **	C	Issue No.	24
LM End	4.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.352572 °	38.343270 °
				-121.693902 °	-121.693967 °
DWR ID	DWR_RD2068_01_s_2017_24				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Gravel surface is stabile and smooth.					

No Photos

LM Start	4.30	Rating **	A/W	Issue No.	28
LM End	4.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.346200 °	38.346100 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_28				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:463					
Site Designation:LMA-290					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 3' feet vertical cut at waterside levee toe from wavewash					

Photo 1 of 3 : SP\_2018\_RD2068\_193\_28\_20180305\_00016.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.30	Rating **	A/W	Issue No.	28 (cont)	
LM End	4.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.346200 °	38.346100 °	
				-121.694000 °	-121.694000 °	
DWR ID	DWR_RD2068_01_f_2017_28					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.						
Site ID No:463						
Site Designation:LMA-290						
Repair Type: Stability						
Rating:Serious						
Field Date:7/26/2017						
Notes: 3' feet vertical cut at waterside levee toe from wavewash						

Photo 2 of 3 : SP\_2018\_RD2068\_193\_28\_20180305\_00017.jpg



LM Start	<b>4.30</b>	Rating **	A/W	Issue No.	<b>28 (cont)</b>
LM End	<b>4.31</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : SP\_2018\_RD2068\_193\_28\_20180305\_00018.jpg



\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.39	Rating **	A/W	Issue No.	29
LM End	4.40	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.344900 °	38.344800 °
				-121.694000 °	-121.694000 °
DWR ID	DWR_RD2068_01_f_2017_29				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.					
Site ID No:464					
Site Designation:LMA-291					
Repair Type: Stability					
Rating:Serious					
Field Date:7/26/2017					
Notes: 2' feet vertical cut at waterside levee toe from wavewash					

Photo 1 of 3 : SP\_2018\_RD2068\_193\_29\_20180305\_00019.jpg



Photo 2 of 3 : SP\_2018\_RD2068\_193\_29\_20180305\_00020.jpg



LM Start	<b>4.39</b>	Rating **	A/W	Issue No.	<b>29 (cont)</b>
LM End	<b>4.40</b>	Issue Type +	Ma	Location *	

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolo**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Yolo Bypass	Right	5.48	03/15/2018 03/15/2018	Keith Millard

LM Start	4.39	Rating **	A/W	Issue No.	29 (cont)	
LM End	4.40	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.344900 °	38.344800 °	
				-121.694000 °	-121.694000 °	
DWR ID	DWR_RD2068_01_f_2017_29					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:The damage consists of scour, cracking, and sloughing of the lower landside levee slope approximately 30 feet in length along the west (right) bank of Shag Slough (Yolo Bypass). See attached pages for photos.						
Site ID No:464						
Site Designation:LMA-291						
Repair Type: Stability						
Rating:Serious						
Field Date:7/26/2017						
Notes: 2' feet vertical cut at waterside levee toe from wavewash						

Photo 3 of 3 : SP\_2018\_RD2068\_193\_29\_20180305\_00021.jpg



LM Start	4.69	Rating **	C	Issue No.	25
LM End	5.41	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.340543 °	38.330138 °
				-121.693983 °	-121.694052 °
DWR ID	DWR_RD2068_01_s_2017_25				
Comment Code					
C2 : Repair depressions or ruts in the crown or slope.					
Inspector Comment					
Gravel surface is stabile and smooth.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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# Reclamation District No. 2068 Yolano





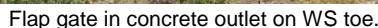






# Reclamation District No. 2068 Yolano

LM Start	5.47	Rating **	A/W	Issue No.	37 (cont)
LM End	5.47	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.329275 °	38.329275 °
				-121.694078 °	-121.694078 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17503 DS_ID:19340 EP_NO: 15923 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 72-inch by 72-inch reinforced concrete box drainage culvert through the levee, 21.1 feet below the crown. 9-foot by 14-foot concrete inlet/weir on the landside (LS) toe. 7-foot by 10-foot concrete building houses a slide gate on the waterside (WS) shoulder. Flap gate in an 8-foot by 10-foot concrete U-shaped headwall on the WS toe. (Permit No. 15923, 1992 - Reclamation District No. 2068. Culvert replaced three 36-inch pipes installed under Permit No. 10160, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 5.48), listed as two 36-inch pipes, an 18-inch pipe, and a 42-inch pipe]. FS Date: 8/8/2013					



**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2018 Levee Inspection Results**

**Reclamation District No. 2068 Yolano**

Waterway			Bank	Unit Miles
Unit No. 02 Back Levee			Left	3.22
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	3/15/2018 - 3/15/2018			
DWR Inspector	Keith Millard			
Accompanied By	Bryan Busch RD 2068			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	0.01	Rating **	M	Issue No.	16	
LM End	0.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.358250 °	38.358250 °	
				-121.740377 °	-121.740377 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17505						
DS_ID:19353						
EP_NO: 13490						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: Appears abandoned. Need to verify pipe status with PG&E.						
FIELD_STRUCT_DESC: 4-inch coated steel gas line through the levee, 3.5 feet below the crown. (Permit No. 13490, 1982 - Pacific Gas and Electric Company [PG&E]).						
FS Date: 8/8/2013						

No Photos

LM Start	0.01	Rating **	A/W	Issue No.	11
LM End	1.85	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.358313 °	38.382542 °
				-121.740385 °	-121.730262 °
DWR ID	DWR_RD2068_02_s_2017_11				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Crown is free of vegetation.					

Photo 1 of 1 : SP\_2018\_RD2068\_194\_11\_20180315\_00012.jpg



Lack of crown vegetation looking north from LM 1.02.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	0.83	Rating **	M	Issue No.	17	
LM End	0.83	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.370205 °	38.370205 °	
				-121.740170 °	-121.740170 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41560						
DS_ID:19346						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: No pipe found. Verify abandonment with RD 2068.						
FIELD_STRUCT_DESC: *ABANDONED* 24-inch pipe of an unknown						
material or purpose through the levee, 9 feet below the crown. No						
control valves. Cannot be located. [Additional Reference(s): DWR						
Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962,						
(HLM 0.83)].						
FS Date: 8/8/2013						

No Photos

LM Start	0.85	Rating **	M	Issue No.	18
LM End	0.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370422 °	38.370422 °
				-121.740163 °	-121.740163 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17507 DS_ID:19358 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Verify abandonment with RD 2068. FIELD_STRUCT_DESC: *REMOVED* 18-inch steel irrigation pipe through the levee, 7.5 feet below the crown. Slide gate in a concrete distribution box on both ends. (Removed under Permit No. 9762, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 0.84)]. FS Date: 8/8/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	<b>0.86</b>	Rating **	M	Issue No.	<b>19</b>
LM End	<b>0.86</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370556 °	38.370556 °
				-121.740159 °	-121.740159 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21052 DS_ID:19359 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Verify abandonment of pipe with RD 2068. FIELD_STRUCT_DESC: *REMOVED* Unknown size irrigation pipe through the levee at an unknown depth below the crown. FS Date: 8/8/2013					

No Photos

LM Start	<b>0.87</b>	Rating **	M	Issue No.	<b>20</b>
LM End	<b>0.87</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.370783 °	38.370783 °
				-121.740152 °	-121.740152 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21053 DS_ID:19347 EP_NO: 10164 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 09/14/2017 crossing previously assigned as irrigation however, type changed to drainage based on permit description. ABO issued as Permit No. 10164 defines the 30-inch pipe as a drainpipe. (DWR UCIP - O. Magana) 08/13/2013 Verify abandonment with RD 2068. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 10.2 feet below the crown. (Automatic Board Order (ABO) issued as Permit No. 10164, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 0.87)]. FS Date: 8/8/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

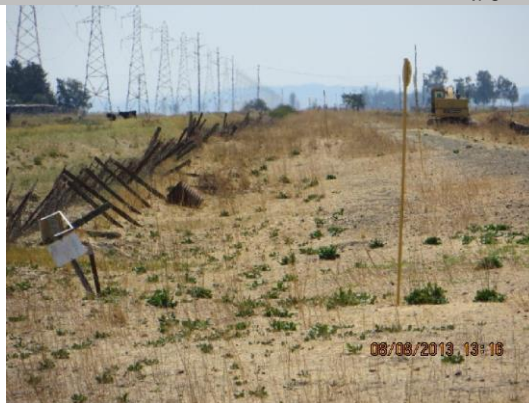
**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	0.91	Rating **	M	Issue No.	21	
LM End	0.91	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.371273 °	38.371273 °	
				-121.740138 °	-121.740138 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17531 DS_ID:19355 EP_NO: 8151 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Appears abandoned. Need to verify with pipeline owner. FIELD_STRUCT_DESC: 8-inch coated steel gas line through the levee, 3 feet below the crown. Gas line markers visible on the east toe of the levee at the intersection of the levee and Delhi Road. (Permit No. 8151, 1972 - Dow Chemical). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/8/2013						

Photo 1 of 2 : UCIP\_SP\_2018\_17531\_29641.jpg



Gasline markers next to old rail road grade, looking south.

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>0.91</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_SP\_2018\_17531\_29640.jpg



Gasline markers on east side of levee toe looking North.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	1.07	Rating **	M	Issue No.	22
LM End	1.07	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.373330 °	38.373330 °
				-121.738530 °	-121.738530 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17532 DS_ID:19354 EP_NO: 13028 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need improved signage on LS and WS shoulders. FIELD_STRUCT_DESC: 10-inch coated steel pipe through the levee, 2 feet below the crown. 4-inch gas line sleeved through the 10-inch pipe. Sign missing from marker post on east slope. 2-inch vent pipe with identification sign off the west bank of the levee and off the toe of the east side of the levee at the fence. (Permit No. 13028, 1980 - Shell Oil Company). FS Date: 8/13/2013					

Photo 1 of 3 : UCIP\_SP\_2018\_17532\_29644.jpg



Sign post without markings on WS slope.

LM Start	<b>1.07</b>	Rating **	M	Issue No.	<b>22 (cont)</b>
LM End	<b>1.07</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_SP\_2018\_17532\_29643.jpg



Sign marker off LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	1.07	Rating **	M	Issue No.	22 (cont)	
LM End	1.07	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.373330 °	38.373330 °	
				-121.738530 °	-121.738530 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:17532 DS_ID:19354 EP_NO: 13028 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need improved signage on LS and WS shoulders. FIELD_STRUCT_DESC: 10-inch coated steel pipe through the levee, 2 feet below the crown. 4-inch gas line sleeved through the 10-inch pipe. Sign missing from marker post on east slope. 2-inch vent pipe with identification sign off the west bank of the levee and off the toe of the east side of the levee at the fence. (Permit No. 13028, 1980 - Shell Oil Company). FS Date: 8/13/2013						

Photo 3 of 3 : UCIP\_SP\_2018\_17532\_29642.jpg



Vent and signage off WS toe.

LM Start	1.85	Rating **	A/W	Issue No.	15
LM End	2.16	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.382542 °	38.386237 °
				-121.730262 °	-121.726930 °
DWR ID	DWR_RD2068_02_s_2017_15				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Vegetation on crown is currently acceptable, but should be monitored and controlled.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2018**

**Reclamation District No. 2068 Yolano**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Back Levee	Left	3.22	03/15/2018 03/15/2018	Keith Millard

LM Start	2.82	Rating **	M	Issue No.	23
LM End	2.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.393943 °	38.393943 °
				-121.719991 °	-121.719991 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:17538 DS_ID:19350 EP_NO: 1195 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to determine disposition of gas line. FIELD_STRUCT_DESC: 10.75-inch steel gas line through the levee, 2 feet below the crown. (Permit No. 1195, 1947 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1992]. FS Date: 8/13/2013					

No Photos

LM Start	3.15	Rating **	M	Issue No.	24
LM End	3.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.397933 °	38.397933 °
				-121.716406 °	-121.716406 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42725 DS_ID:19352 EP_NO: 10164 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 09/14/2017 ABO issued as Permit No. 10164 defines the 48-inch pipe as a drainpipe. (DWR UCIP - O. Magana) 08/13/2013 Appears abandoned and if so should be done properly. Pipe burried except for small opening. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: *ABANDONED* 48-inch corrugated metal drainage pipe through the levee, 4 feet below the crown. (48-inch pipe [HLM 3.20]authorized under Automatic Board Order (ABO) issued as Permit No. 10164, 1974 - Reclamation District No. 2068). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 109, April 1962, (HLM 3.20)]. FS Date: 8/13/2013					

Photo 1 of 1 : UCIP\_SP\_2018\_42725\_29680.jpg



Pipe buried but visible at toe of east side of levee.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	